

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,859,239 B2  
DATED : February 22, 2005  
INVENTOR(S) : James Andrew DeLong

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 4,

Line 18, "1024 pixelx768" should read -- 1024 pixel x 768 --;

Column 5,

Line 48, "FIGS. 8-8C" should read -- FIGS. 8A-8C --;

Column 6,

Line 5, "optical" should read -- optical --;

Line 15, "center 148" should read -- center 149 --;

Line 43, "pupil 24)." should read -- pupil 124). --;

Column 6, line 64 - Column 8, line 5,

Claim 1 should read as follows:

- 1. An image display apparatus, comprising:
- a source unit to generate a spatially uniform light beam that propagates along a first beam path in a first direction;
  - an imaging unit to collect and focus the light beam, wherein the imaging unit includes;
    - a first refractive optical element disposed in the first beam path,
    - a second refractive optical element disposed in the first beam path,
    - a first reflecting mirror disposed in the first beam path, and a second reflecting mirror disposed in a second beam path defined by the first reflecting mirror and the second reflecting mirror, wherein the second beam path is oriented in a second direction that is different from the first direction and directed away from a digital micromirror device ("DMD"), and wherein the second reflecting mirror has a concave reflecting surface;
    - the DMD to receive the light beam reflected by the second reflecting mirror and disposed in a third beam path defined by the second reflecting mirror and the DMD, wherein the third beam path is oriented in a third direction different from the second direction; and

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,859,239 B2  
DATED : February 22, 2005  
INVENTOR(S) : James Andrew DeLong

Page 2 of 2

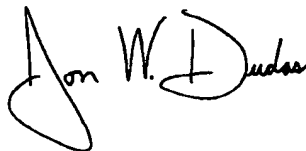
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 6, line 64 - Column 8, line 5 (cont'd).

a projection lens to collect and project the light beam reflected from the DMD and disposed in a fourth beam path defined by the DMD and the projection lens, wherein the fourth beam path is oriented in a fourth direction different from the third direction. --.

Signed and Sealed this

Fourth Day of October, 2005

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looping initial "J" and a distinct "D".

---

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*